

FORM PTO-1449

U. S DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SERIAL NO.

U 014742-0

10/629,309

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT

J.R. PATIL et al.

FILING DATE

GROUP

July 29, 2003

1646

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
				YES	NO
AA	53-148543	12/1978	JP		X
AB	63221834	09/1988	JP		X

## OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

rk	AC	Japanese Patent 53-148543, dated December 25, 1978, with corresponding Chemical Abstract 90:142065
	AD	English Abstract of JP 63221834, dated September 14, 1988
	AE	Patil, J.R. and B.A. Chopade, "Studies on bioemulsifier production by <i>Acinetobacter</i> strains isolated from healthy human skin", <i>Journal of Applied Microbiology</i> , (2001), 91: 290-298
	AF	Baumann, Paul, "Isolation of <i>Acinetobacter</i> from Soil and Water", <i>Journal of Bacteriology</i> , (1968), 96 (1): 39-42
	AG	Berlau, J. et al. "Distribution of <i>Acinetobacter</i> Species on Skin of Healthy Humans", <i>Eur. J. Clin. Microbiol. Infect. Dis.</i> , (1999), 18:179-183
	AH	Bouvet, P.J.M. and P.A.D. Grimont, "Taxonomy of the Genus <i>Acinetobacter</i> with the Recognition of <i>Acinetobacter baumannii</i> sp. nov., <i>Acinetobacter haemolyticus</i> sp. nov., <i>Acinetobacter johnsonii</i> , sp. nov., and <i>Acinetobacter junii</i> sp. nov.", <i>Int'l. J. Systematic Bacteriol.</i> , (1986), 36: 228-240
	AI	Bouvet, P.J.M. and P.A.D. Grimont, "Identification and Biotyping of Clinical Isolates of <i>Acinetobacter</i> ", <i>Ann. Inst. Pasteur/Microbiol.</i> , (1987), 138: 569-578
	AJ	<u>The Merck Index: An Encyclopedia of Chemicals, Drugs and Biologicals</u> , Twelfth Ed., Budaveri, et al. Editors. Merck & Co., Inc., 1996. Pages 55, 312-313, 1163-1164, 1173, 1202, Misc. 42-45
	AK	Chu, Y.W. et al. "Skin Carriage of <i>Acinetobacter</i> in Hong Kong", <i>Journal of Clinical Microbiology</i> , (1999), 37 (9): 2962-2967
	AL	Dubois, Michel et al. "Colorimetric Method for Determination of Sugars and Related Substances", <i>Analytical Chemistry</i> , (1956) 28: 350-356
	AM	Foght, Julia et al. "Effect of Emulsan on Biodegradation of Crude Oil by Pure and Mixed Bacterial Cultures", <i>Applied and Environmental Microbiology</i> , (1989), 55: 36-42
	AN	Gutnick, D. L. and Eugene Rosenberg. "Oil Tankers and Pollution: Microbiological Approach", <i>Annual Review of Microbiology</i> , (1977), 31: 379-396
	AO	Juni, Elliott. "Interspecies Transformation of <i>Acinetobacter</i> : Genetic Evidence for a Ubiquitous Gene", <i>Journal of Bacteriology</i> , (1972), 112: 917-931

EXAMINER

Florence Koss

DATE CONSIDERED 1/24/05

EXAMINER:

Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

U. S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SERIAL NO.

U 014742-0

10/629,309

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT

J.R. PATIL et al.

FILING DATE

GROUP

July 29, 2003

1646

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
				YES	NO
AA					
AB					

## OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

R/E	AC	Kaplan, Nachum and Eugene Rosenberg. "Exopolysaccharide Distribution and Bioemulsifier Production by <i>Acinetobacter calcoaceticus</i> BD4 and BD413", <i>Appl. Environ. Microbiol.</i> , (1982), 44(6): 1135-1341
.	AD	Kaplan, Nachum et al. "Reconstitution of Emulsifying Activity of <i>acinetobacter calcoaceticus</i> BD4 Emulsan by Using Pure Polysaccharide and Protein", <i>Appl. Environ. Microbiol.</i> , (1987), 53(2): 440-446
.	AE	Lowry, Oliver H. et al. "Protein Measurement with the Folin Phenol Reagent", <i>J. Biological Chemistry</i> , (1951), 193: 265-275
	AF	Monreal, Jaime and Elwyn T. Reese. "The chitinase of <i>Serratia marcescens</i> ", <i>Canadian J. Microbiology</i> , (1969), 15: 689-696
	AG	Navon-Venezia, S. et al. "Alasan, A New Bioemulsifier from <i>Acinetobacter radioresistens</i> ", <i>Appl. Environ. Microbiol.</i> , (1995), 61(9): 3240-3244
	AH	Pines, O. and D. Gutnick. "Role for Emulsan in Growth of <i>Acinetobacter calcoaceticus</i> RAG-1 on Crude Oil", <i>Appl. Environ. Microbiol.</i> , (1986), 51(3): 661-663
	AI	Reddy, P.G. et al. "Isolation and Functional Characterization of Hydrocarbon Emulsifying and Solubilizing Factors Produced by a <i>Pseudomonas</i> Species", <i>Biotechnology and Bioengineering</i> , (1983), 25: 387-401
	AJ	Rosenberg, Eugene, "Microbial Surfactants", <i>Critical Reviews in Biotechnology</i> , (196), 3: 109-132
	AK	Rosenberg, E. et al. "Emulsifier of <i>Arthrobacter</i> RAG-1: Isolation and Emulsifying Properties", <i>Appl. Environ. Microbiol.</i> , (1979), 37(3): 402-408
	AL	Rosenberg, E. et al. "Emulsifier of <i>Arthrobacter</i> RAG-1: Specificity of Hydrocarbon Substrate", <i>Appl. Environ. Microbiol.</i> , (1979), 37: 409-413
	AM	Rosenberg, M., D. Gutnick and E. Rosenberg. "Adherence of Bacteria to Hydrocarbons: A Simple Method for Measuring Cell Surface Hydrophobicity", <i>FEMS Microbiol. Letters</i> , (1980), 9: 29-33
	AN	Rubinovitz, C. et al. "Emulsan Production by <i>Acinetobacter calcoaceticus</i> in the Presence of Chloramphenicol", <i>J. Bacteriol.</i> , (1982), 152(1): 126-132
✓	AO	Sar, Nechemia and Eugene Rosenberg. "Emulsifier Production by <i>Acinetobacter calcoaceticus</i> Strains", <i>Current Microbiology</i> , (1983), 9: 309-314

EXAMINER

Rosanne Kason

DATE CONSIDERED

1/24/05

EXAMINER:

Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

U. S DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SERIAL NO.

U 014742-0

10/629,309

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

APPLICANT

J.R. PATIL et al.

(Use several sheets if necessary)

FILING DATE

GROUP

July 29, 2003

1646

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
				YES	NO
AA					
AB					

## OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

rk	AC	Seifert, Harald, et al. "Distribution of <i>Acinetobacter</i> Species on Human Skin: Comparison of Phenotypic and Genotypic Identification Methods", <i>J. Clinical Microbiol.</i> , (1997), 35(11): 2819-2825
.	AD	Shabtai, Yossef and David\ L. Gutnick, "Exocellular Esterase and Emulsan Release from the Cell Surface <i>Acinetobacter calcoaceticus</i> ", <i>J. Bacteriology</i> , (1985), 161: 1176-1181
.	AE	Shabtai, Josef et al. "Emulsan: A Case Study of Microbial Capsule as Industrial Products", Symposium: Extracellular Microbial Polysaccharides, 291-307
	AF	Strauss, John S. et al. "Skin Lipids and Acne", <i>Annual Review of Medicine</i> , (1975), 27-32
	AG	Zosim, Zinaida et al. "Properties of Hydrocarbon-in-Water Emulsions Stabilized by <i>Acinetobacter</i> RAG-1 Emulsan", <i>Biotechnology and Bioengineering</i> , (1982), 24: 281-292
	AH	Zuckerberg, A. et al. "Emulsifier of <i>Arthrobacter</i> RAG-1: Chemical and Physical Properties", <i>Appl. Environ. Microbiol.</i> , (1979), 37(3): 414-420
↓	AI	Abstract of Shi, Y.P. et al. "A bacterial lipopolysaccharide emulsifier", <i>Chinese J. Biotechnology</i> , (1989), 5(4): 231-240.
	AJ	
	AK	
	AL	
	AM	
	AN	
	AO	

EXAMINER


Rosanne Kossor

DATE CONSIDERED

11/24/05

EXAMINER:

Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449		U. S DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.	SERIAL NO.
				U 014742-0	10/629,309
 <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(Use several sheets if necessary)</p>				APPLICANT	
				J. R. PAIL, et al	
				FILING DATE	GROUP
				July 29, 2003	1646
U.S. PATENT DOCUMENTS					
EXAMINER INITIALS	REFERENCE DESIGNATION	DOCUMENT NUMBER	DATE	NAME	FILING DATE IF APPROPRIATE
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				
FOREIGN PATENT DOCUMENTS					
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO
	AL				
	AM				
	AN				
	AO				
	AP				
OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)					
Rk	AR	DOWNING D.T., ET AL; "LIPIDS OF THE EPIDERMIS AND THE SEBACEOUS GLANDS"; IN FITZPATRICK'S DERMATOLOGY IN GENERAL MEDICINE; FIFTH EDITION; NEW YORK; MCGRAW HILL; 1999; PP144-155			
	AS				
	AT				
EXAMINER <i>Rosanne Kossor</i>			DATE CONSIDERED 1/24/05		
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					